

2nd COMPASS Symposium

(Complex Assemblies of Soft Matter)



LRSM

The Laboratory
for Research on
the Structure
of Matter

RHODIA/LRSM/CNRS

Wednesday, March 28, 2012

Laboratory for Research on the Structure of Matter

University of Pennsylvania

3231 Walnut Street, Philadelphia, PA 19104



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Agenda

- 9:00-10:00 **Peter Yunker (PENN)**
*Eliminating the Coffee-Ring Effect:
Uniform Coatings of Ellipsoids*
- 10:00-11:00 **Murugappan Muthukumar (UMASS Amherst)**
Charge Regularization In Polyelectrolyte Systems
- 11:00-12:00 **Cherie Kagan (PENN)**
*Nanocrystal Colloids: A Route to High Performance
Electronics and Optoelectronics*
- 12:00-1:00 Break
- 1:00-2:00 **Yuli Wei (PENN)**
*Rain Water Retention of Sandy Soil with
Hydrogel Particle Additives*
- 2:00-3:00 **Bertrand Donnio (CNRS)**
*Liquid-crystalline Hybrid Materials Based on
Functional Nanocores*
- 3:00-4:00 **Chris Murray (PENN)**
*Building with Artificial Atoms: Multi-component Assembly
of Nanocrystal Based Materials and Devices*
- 4:00-5:00 **Paul Chaikin (NYU)**
*DNA in a Colloidal World: Thermal Velcro,
Photolithography, Patchy Particles and
Self-Replication*



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